

Application No. 10/074,730
Amendment "A" dated July 26, 2005
Reply to Office Action mailed May 19, 2005

AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a requesting computer system that is network connectable to a network, the requesting computer system including a native host name resolver that is not capable of resolving a host name when the requesting computer system is connected to the network, a method for resolving a host name, comprising the following:

an act of assigning the requesting computer system as a name server for the requesting computer system;

an act of requesting resolution of a host name by sending host name data in a first protocol to the requesting computer by sending the host name data to the name server assigned for the requesting computer, the host name data being compatible for resolution of the host name by a DNS server, the first protocol being incompatible for resolving host name data over a communication link connecting the requesting computer to the network;

an act of monitoring a name resolution port of the requesting computer system for receiving the host name data in the first protocol in a host name resolution protocol from the requesting computer; and

an act of rerouting the host name data in the first protocol to a module for replacement host name resolver in the requesting computer system that may resolve the host name data; and

an act of sending the host name data from the replacement host name resolver in the requesting computer system using a second protocol to a module for resolving the host name data, wherein the second protocol is compatible for resolving host name data over the communication link connecting the requesting computer to the network.

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2. (Original) The method as recited in claim 1, wherein the act of assigning the requesting computer system as a name server for the requesting computer system comprises the following:

an act of utilizing a loop-back address to assign the requesting computer system as a name server for the requesting computer system.

3. (Original) The method as recited in claim 2, wherein the act of utilizing a loop-back address to assign the requesting computer system as a name server for the requesting computer system comprises the following:

an act of utilizing a defined IP loop-back address to assign the requesting computer system as a name server for the requesting computer system.

4. (Original) The method as recited in claim 1, wherein the act of assigning the requesting computer system as a name server for the requesting computer system comprises the following:

an act of assigning the requesting computer system as the primary name server for the requesting computer system.

5. (Original) The method as recited in claim 1, wherein the act of assigning the requesting computer system as a name server for the requesting computer system comprises the following:

an act of assigning the requesting computer system as a DNS server for the requesting computer system.

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6. (Currently Amended) The method as recited in claim 1, wherein the act of monitoring a name resolution port of the requesting computer system for receiving the host name data in a host name resolution the first protocol comprises the following:

an act of monitoring a name resolution port of the requesting computer system that is associated with an IP network.

7. (Original) The method as recited in claim 6, wherein the act of monitoring a name resolution port of the requesting computer system that is associated with an IP network comprises the following:

an act of monitoring port 53 of the requesting computer system.

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8. (Currently Amended) The method as recited in claim 1, wherein the act of monitoring a name resolution port of the requesting computer system for receiving the host name data in a host name resolution protocol comprises the following:

an act of monitoring a name resolution port for receiving host name data in a host name resolution protocol that is compatible with an IP network.

9. (Currently Amended) The method as recited in claim 8, wherein the act of monitoring a name resolution port for receiving the host name data in a host name resolution protocol that is compatible with an IP network comprises the following:

act of monitoring a name resolution port for host name data contained in one or more UDP packets.

10. (Currently Amended) The method as recited in claim 1, wherein the act of monitoring a name resolution port of the requesting computer system for receiving the host name data in ~~a host name resolution~~the first protocol comprises the following:

an act of a replacement host name resolver monitoring a name resolution port for receiving host name data sent from a native host name resolver.

11. (Currently Amended) The method as recited in claim 1, wherein the act of monitoring a name resolution port of the requesting computer system for receiving the host name data in ~~a host name resolution~~the first protocol comprises the following:

an act of a resolving computer system monitoring a name resolution port for receiving host name data sent from a native host name resolver.

12-14. (Cancelled).

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15. (Currently Amended) The method as recited in claim 14, wherein ~~the act of modifying the protocol used to transport the host name data~~ comprises the following:
~~an act of modifying the protocol used to transport the host name data from first protocol is UDP and the second protocol is TCP.~~

16. (Currently Amended) The method as recited in claim 13, wherein the ~~act of modifying the host name data so that the host name data is compatible with the module that may resolve the host name data~~ comprises the following:
~~an act of modifying the format of host name data that is incompatible with secure first protocol is DNS so that the host name data be resolved in accordance with and the second protocol is secure DNS.~~

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17. (Currently Amended) The method as recited in claim 1, wherein the act of sending the host name data from the replacement host name resolver in the requesting computer system using a second protocol to a module for resolving the host name data rerouting the host name data to a module that may receive the host name data comprises the following:

an act of a-the replacement host name resolver rerouting sending the host name data to a module that was identified by entering one or more parameters in a user interface.

18. (Currently Amended) The method as recited in claim 1, further comprising:

an act of providing the requesting computer system with a network address by resolving the host name data that was rerouted sent to the module.

19. (Currently Amended) The method as recited in claim 18, wherein the act of providing the requesting computer system with a network address by resolving the host name data that was sent to the module rerouted comprises the following:

providing the requesting computer system with a numerical IP address by resolving a domain name that was sent to the module rerouted.

20-23. (Cancelled).

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24. (Currently Amended) In a requesting computer system that is network connectable to a network, the requesting computer system including a host a name resolver that is not capable of resolving a host name when the requesting computer system is connected to the network, a method for resolving a host name, comprising the following:

an act of assigning the requesting computer system as a name server for the requesting computer system;

an act of requesting resolution of a host name by sending host name data in a first protocol to the name server assigned for the requesting computer, the host name data being compatible for resolution of the host name by a DNS server, the first protocol being incompatible for resolving host name data over a communications link connecting the requesting computer to the network; and

a step for resolving host name data that originated at the requesting computer system so as to locate a network address for a host system represented by the host name data by using a second protocol that is compatible for resolving host name data over a communications link connecting the requesting computer to the network.

25. (Cancelled).

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26. (Currently Amended) A computer program product for use in a requesting computer system that is network connectable to a network, the requesting computer system including a host a name resolver that is not capable of resolving a host name when the requesting computer system is connected to the network, the computer program product for implementing a method for resolving a host name, the computer program product comprising the following:

one or more computer-readable media carrying computer-executable instructions, that when executed at the requesting computer system, cause the requesting computer system to perform the method, including:

assigning the requesting computer system as a name server for the requesting computer system;

requesting resolution of a host name by sending host name data in a first protocol to the name server assigned for the requesting computer, the host name data being compatible for resolution of the host name by a DNS server, the first protocol being incompatible for resolving host name data over a communications link connecting the requesting computer to the network;

monitoring a name resolution port of the requesting computer system for receiving the host name data in the first protocol in a host name resolution protocol from the requesting computer; and

rerouting the host name data in the first protocol to a module that may resolve the host name datareplacement host name resolver in the requesting computer system;
and

sending the host name data from the replacement host name resolver in the requesting computer system using a second protocol to a module for resolving the host name data, wherein the second protocol is compatible for resolving host name data over a communications link connecting the requesting computer to the network.

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27. (Original) The computer program product as recited claim 26, wherein the one or more computer-readable media include physical storage media.

28. (Original) The computer program product as recited claim 26, wherein the one or more computer-readable media include system memory.